

WHAT IS CLAIMED IS:

- 5 ^{sub} B, 1. A data processing method comprising:
a reception step of receiving a request for data
loading from a terminal;
an end discrimination step of discriminating
whether the generation of requested data has ended;
a first transmission step of transmitting the
requested data if the generation thereof has ended;
an estimation step of estimating an end time if
10 the generation of the requested data has not ended; and
a second transmission step of transmitting the
estimated end time together with display information
indicating that the data generation is in progress.
- 15 2. A data processing method according to claim 1,
wherein said estimation step estimates the end time
based on the size of the generated data.
- 20 3. A data processing method according to claim 1,
wherein said data are result of execution of a
predetermined process, and said estimation step
estimates the end time based on the time required for
executing said predetermined process.
- 25 4. A data processing method comprising:
an issuing step of issuing a request for data
loading to a server;

0945697-120799

a display step of displaying display data received in response to said request; and

a re-issuing step, in case an estimated end time for data generation is received together with said display data, of issuing again the request for data loading when said end time is reached.

5 10 15 20

5. A data processing apparatus comprising:

reception means for receiving a request for data loading from a terminal;

end discrimination means for discriminating whether the generation of requested data has ended;

first transmission means for transmitting the requested data if the generation thereof has ended;

estimation means for estimating an end time if the generation of the requested data has not ended; and

second transmission means for transmitting the estimated end time together with display information indicating that the data generation is in progress.

6. A data processing apparatus according to claim 5, wherein said estimation means estimates the end time based on the size of the generated data.

25 7. A data processing apparatus according to claim 5, wherein said data are result of execution of a predetermined process, and said estimation means

094599 120799

B1
A4

estimates the end time based on the time required for
executing said predetermined process.

5 8. A data processing apparatus comprising:
 issuing means for issuing a request for data
 loading to a server;
 display means for displaying display data received
 in response to said request; and
 control means adapted, in case an estimated end
10 time for data generation is received together with said
 display data, to so control said issuing means as to
 issue again the request for data loading when said end
 time is reached.

15 9. A computer readable storage medium storing a
 data processing program for controlling a computer to
 perform data processing, said program comprising codes
 for causing the computer to perform:
 a reception step of receiving a request for data
20 loading from a terminal;
 an end discrimination step of discriminating
 whether the generation of requested data has ended;
 a first transmission step of transmitting the
 requested data if the generation thereof has ended;
25 an estimation step of estimating an end time if
 the generation of the requested data has not ended; and
 a second transmission step of transmitting the

662027 26595460

AX B1

estimated end time together with display information
indicating that the data generation is in progress.

5 10. A computer readable storage medium storing a
data processing program for controlling a computer to
perform data processing, said program comprising codes
for causing the computer to perform:

an issuing step of issuing a request for data
loading to a server;

10 a display step of displaying display data received
in response to said request; and

15 a re-issuing step, in case an estimated end time
for data generation is received together with said
display data, of issuing again the request for data
loading when said end time is reached.

009569 120799
B1
XX
end